

INTERNATIONAL SEARCH REPORT

International application No.

PCT/AU2004/001577

A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. 7: C12N 1/00, 1/20, 1/26, 1/38.

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

See Electronic databases

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

See Electronic databases

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WPIDS, MedLine, CA, BIOSIS: chemostat/batch culture/bioreactor, bacterial/microbial pool/community/population, enrich/select, monitor. GOOGLE: Bioreactor/chemostat, monitor

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	Acha, V.; Meurens, M.; Naveau, H.; Agathos, S. N. Detoxification of a mixture of aliphatic chlorinated hydrocarbons in a fixed-bed bioreactor : continuous on-line monitoring via an attenuated total reflection-Fourier transform infrared sensor. Water Science and Technology (1999), 40(8), 41-47	1-25
X	Stuart S L; Woods S L. Kinetic evidence for pentachlorophenol-dependent growth of a dehalogenating population in a pentachlorophenol- and acetate-fed methanogenic culture. Biotech and Bioeng, 1998. 57(4): 420-429.	1-25
X	Bellco CellTrol II Control Modules http://www.bellcoglass.com/us/7803-81102.shtml . 31 August 2003 http://www.archive.org/ used to establish the publication date of the document	1-25

☒ Further documents are listed in the continuation of Box C

☐ See patent family annex

* Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier application or patent but published on or after the international filing date	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search
10 February 2005

Date of mailing of the international search report
28 FEB 2005

Name and mailing address of the ISA/AU
AUSTRALIAN PATENT OFFICE
PO BOX 200, WODEN ACT 2606, AUSTRALIA
E-mail address: pct@ipaustalia.gov.au
Facsimile No. (02) 6285 3929

Authorized officer

Gillian Allen
Telephone No : (02) 6283 2266

INTERNATIONAL SEARCH REPORT

International application No.
PCT/AU2004/001577

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	BioNet Utility Tower (Single, Dual, or Quad) http://www.broadleyjames.com/bionet-tower.html . 2 October 2003 http://www.archive.org/ used to establish the publication date of the document	1-25